

IV. DRAWINGS

FIG. 3 is proposed to be amended to change reference numeral "50" to "49".

V. REMARKS

1. Applicant is attempting to obtain another copy of the certified foreign priority document, and will submit it once received.
2. FIG. 3 is proposed to be amended to address the duplicate use of reference number 50, as noted by the Examiner. The specification is corrected as well.
3. Claims 5-6, 14 and 16 are amended to address the noted objections.
4. Claim 10 is amended to address the 35 U.S.C. §112, second paragraph rejection.
5. Claim 20 is amended to address the 35 U.S.C. §101 rejection.
6. Claims 3 and 4 are cancelled without prejudice.
7. Claims 1-5, 7-8 and 10 are not unpatentable over Widegren et al. ("Widegren") and Szabo et al. ("Szabo") under 35 U.S.C. §103(a).

Claim 1 recites a method of managing bearer adapters. A bearer is dynamically added to the server while the server is communicating with other bearer adapters. This provides an added advantage that the server does not need to be rebooted each time a new bearer adapter is installed at the protocol stack. (pg. 10, lines 22-26).

The method according to claim 1 further includes creating a particular thread to which the added bearer adapter is assigned and creating the thread at a protocol stack in the server. These

The combination of Widegren and Szabo does not disclose or suggest creating "a particular thread" to which the "added bearer adapter" is assigned as recited in claim 1. Widegren only discloses the concept of establishing "plural radio access bearers" (Col. 3, lines 22-24) or multiple bearers. Widegren does not disclose the creation of particular thread for bearer adapters. Particularly, Widegren discloses that plural radio access bearers can be established and released independently to "one mobile radio". This is not the source as creating a "thread" to which the "added bearer adapter is assigned" as recited in the claims. Similarly, no such disclosure or teaching is found in Szabo. Col. 9, lines 33-37 of Widegren only discloses that the UTRAN 24 may establish and release three independent radio access bearer to one mobile station. There is no disclosure here of creating a "particular thread" to which the "added bearer adapter" is assigned, as is claimed. Col. 12, line 65 merely states that different parallel bearers may be time multiplexed or code multiplexed on the same dedicated WCDMA code channel. Again, there is no disclosure here or elsewhere in Widegren and Szabo related to creating a particular thread to which the added bearer adapter is assigned.

The combination of Widegren and Szabo also does not disclose or suggest that a thread is created at the "protocol stack in the server" as recited in the claims. Widegren, at Col. 13, lines 43-52, discusses how a radio access bearer can be "mapped" at the logical link layer or RCC/MAC layers onto WCDMA radio channels. There is a discussion of the content of the RAN protocol stack that provides "frames" to the physical layer corresponding to CDMA code channels. What this section or any other section of Widegren does not teach is creating a thread at a "protocol stack in the server" as claimed by Applicant. Szabo also does not

teach this particular feature. Thus, the combination of references cannot and does not teach at least this particular feature.

Thus, since each and every feature of Applicant's invention as claimed cannot be found in the combination of references, a *prima facie* case of obviousness cannot be established.

Claims 2, 5, 7, 8 and 10 should be allowable at least by reason of their respective dependencies.

8. Claim 6 is not unpatentable over Widegren and Szabo and further in view of Anderson et al. at least by reason of its dependency on claim 1 for the reasons noted above.

9. Claim 9 is not unpatentable over Widegren and Szabo in view of Chari at least by reason of its dependency on claim 7.

10. Claims 11, 13-16 and 18-20 are not unpatentable over Widegren and Szabo under 35 U.S.C. §103(a).

Claim 11 is amended to include the limitations of claims 13 and 14, and should also be allowable for reasons similar to those stated with respect to claim 1 above. Also, the combination of Widegren and Szabo does not disclose or suggest a server for managing bearer adapters that includes creating means (50, 53) for creating a thread (63, 64) in response to adding the bearer adapter (51); and assigning means (50, 53) for assigning the created thread (63, 64) to the added bearer adapter (51); and a wireless protocol stack (50) for implementing a wireless protocol and for transferring data between the protocol stack and the bearer adapter (51); and a bearer gate (53) for isolating the wireless protocol stack (50) from the bearer adapter (51) and for storing information on each bearer adapter.

Claims 12, 15, 16, 18 and 19 should be allowable at least by reason of their dependencies.

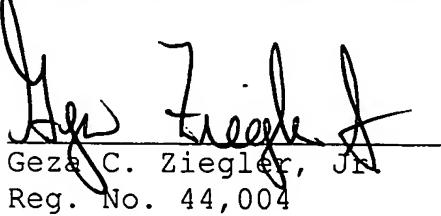
11. Claim 20 should also be allowable for similar reasons.

12. Claims 12 and 17 are not unpatentable over Widegren and Szabo in view of Chari et al. at least by reason of their respective dependencies.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

A check for \$120 is enclosed for a petition for a 1-month extension of time. The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,


Geza C. Ziegler, Jr.
Reg. No. 44,004

14 June 2004
Date

Perman & Green, LLP
425 Post Road
Fairfield, CT 06824
(203) 259-1800
Customer No.: 2512



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